

Description

I. BACKGROUND OF THE INVENTION

The invention concerns that of a device (tool) that is able to remove and replace the top grill (grate) found in both charcoal and gas barbecue cooking units.

II. DESCRIPTION OF THE PRIOR ART

Not applicable.

III. SUMMARY OF THE INVENTION

The invention is a device comprised of two handles and four metal rods that can be used to easily and safely remove and replace the top grill (grate) of barbecue grills. The device is designed and engineered to engage the top grate at the middle point where several bars (rods) of the grate are found. By engaging at this point the grill hooks are able to firmly grasp the metal rods enabling the user to remove the grate in such a manner that the grate is always balanced and under control. This ability to remove the top grill (grate) easily and safely eliminates the danger of a hot grill (grate) injuring the user or someone standing by the grill. The device also eliminates the need to use other barbecue tools (forks, tongs etc) that were not designed to remove grates and can be dangerous to use.

This device was designed to fulfill an obvious void in the marketplace. Investigation (research) has revealed that no similar device existed prior to the invention of Hook-Twist & Lift grill hooks.

Prime advantages of the invention are that:

1. They fit approximately 90% of the grills are the market.
2. They are designed not only with functionality in mind but with affordability, fit, finish and durability also being of utmost concern.
3. The device is simple to use . The marketing concept being its as Simple as 1. Hook
2. Twist (handles) and then 3. Lift

In summary it can be said that Hook-Twist & Lift grill hooks are designed in such a manner as to allow for the quick and easy removal and replacement of the open mesh grills found in barbecue grills both charcoal and propane plus fire grills (camp grills).

The advantages of the invention is apparent after reading through the complete specification, the claims and looking at the attached drawing.

IV. BRIEF DESCRIPTION OF THE DRAWINGS

FIG 1 of Drawing 1 Shows a frontal view of a completely assembled H-T-L grill hook one (1) of two (2) in a set.

FIG 1. of drawing 1. Shows handle marked part a.

FIG 1. of drawing 1 shows metal rods marked part c inserted into handles at points marked b 1 and b 2 into metal inserts marked part b. Inserts usually not visible as they are embedded into handles and hidden by metal rod part c but shown here for clarity.

V, DESCRIPTION OF THE PREFERRED EMBODIMENT

The invention is a device (tool) that is comprised of two wooden handles with metal rods bonded into them. The name of the invention is Hook-Twist & Lift grill hooks and its stated purpose is for the removal and replacement of the top grill (grate) of barbecue cooking units both charcoal and propane quickly and safely.

Use of the grill hooks is simple. 1. The user holds one handle in each hand, places the hook ends over the middle section of the grate where a thick rod running east and west intersects the rods of the grate running north and south. 2. The user then twists the handles towards the outside edges of the grill (to his right and left) this firmly engages the metal hooks against the metal rods of the grill (grate). 3. The user then lifts the grate out of the grill and places it down on a bench or suitable spot. The user now has access to the interior of the grill. If unit is charcoal he can add more charcoal or clean unit safely. If the unit is gas user can clean interior of grill and then clean the grill (grate) itself before replacing the grate to the grill unit.

As can be seen by viewing FIG 1 of drawing 1 the grill hooks only have three (3) parts per handle. The handle part a, the metal inserts part b and the metal rods part c.

The handles can be made from metal, plastic or wood but for the barbecue market wood is the preferred material. Wood is the material of choice simply because of its beauty when finished and its durability. While plastic and metal handles could be manufactured less expensively that is outweighed by the fact that wood holds more attraction to the targeted market and that is the home consumer.

Referring to Fig 1 again, assembly of the handle is a matter of drilling holes for the metal inserts part b at the predetermined point(s) on the handle at the desired depth to accept the metal rods part. Then the metal rods are inserted into the metal inserts then all parts are bonded into the handles for a permanent fit.

From the foregoing description it is believed that the preferred embodiment achieves the objects of the present invention. Various modifications and changes can be made to the device (Hook-Twist & Lift grill hooks) described above which are apparent to those skilled in the art. These alternatives and modifications are considered to be within the scope of the appended claims and are embraced thereby.